



Business & Technology Consulting<sup>SM</sup>  
Education Solutions

## Advanced Enterprise Guide

**Course Length:** 2 days **CEUs** 1.2

**Format:** Hands on Training

### AUDIENCE

This course is intended for experienced SAS Enterprise Guide users who want to learn more about advanced SAS Enterprise Guide techniques. It focuses on using the Query Builder within SAS Enterprise Guide, including manipulating character, numeric, and date values; converting variable type; and building conditional expressions using the Expression Builder. This course also addresses efficiency issues, such as joining tables and using a single query to group, summarize, and filter data.

### BENEFITS

Learn how to:

- use tasks to transpose, stack, rank, and create a random sample of your data
- use functions to convert the data type from character to numeric and from numeric to character
- use conditional logic in the Query Builder to create new columns
- use multiple value prompts

### PREREQUISITES

Non-programmers with SAS Enterprise Guide experience, as well as experienced programmers with SAS Enterprise Guide experience

### COURSE Topics

#### Introduction

- Course overview

#### Using the Data Menu

- Append Tables task
- Split Columns task
- Stack Columns task
- Random Sample task
- Sort Data task

#### Using Functions in the Query Builder

- Introduction to SAS functions
- Manipulating numeric values
- Manipulating character values
- Converting data type

#### Prompting and Conditional Processing

- Multiple values prompts
- Range prompts

- Conditional processing of project steps

#### Recoding Data

- Recoding values
- Recoding values based on a condition
- Writing CASE expressions
- Creating and applying custom formats

#### Grouping and Filtering

- Grouping and summarizing data
- Including detail and summarized data
- Filtering summarized data in groups

#### Learning More

- SAS resources

#### Additional Query Topics

- Query options
- Querying DBMS tables